

## PATENT ABSTRACTS OF JAPAN

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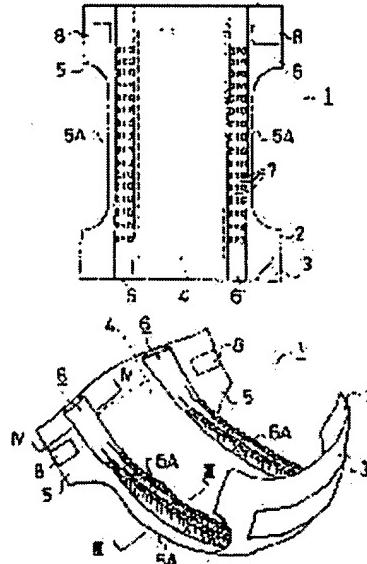
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## (54) DISPOSABLE DIAPER

## (57)Abstract:

PURPOSE: To prevent the leak without generating a clearance by fitting softly to the lower part of the crotch, and also, to prevent a high polymer water absorbing polymer from leaking from a cut end of an absorbing body by providing a seal part of a specific form on a flap.

CONSTITUTION: The diaper is provided with a surface sheet 2 of liquid permeability for forming the side for coming into contact with the skin of a wearer, and a reverse side sheet 3 of liquid unpermeability corresponding to the surface sheet 2. Also, the diaper is provided with an absorbing body 4 which is fixed between both these sheets and absorbs excretions. Moreover, this diaper is provided with a pair of side flaps 5, 5 extended out to the outside in the width direction from both side edges in the longitudinal directions of this absorbing body 4. As for the side flaps 5, 5, the surface sheet 2 and the reverse side sheet 3 are superposed and formed integrally. Furthermore, in the side flap 5, a leak resistance part 6 is formed along the side edge in the longitudinal direction of the absorbing body 4. Also, on the leak resistance part 6, three pieces of thread-like elastic members 7 are extended and provided so that the leak resistance part 6 becomes flexible in the longitudinal direction.



## LEGAL STATUS

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